



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION 8

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1266117 - R8 SDMS

July 1, 2010

**MEMORANDUM**

SUBJECT: Triangle Parcel  
Parcel SS-57-1  
Richardson Flat Operable Unit 2

FROM: Kathryn Hernandez, EPA RPM

TO: Bill Rees, UTDEQ

The total parcel is approximately 111 acres and only a small fraction of the parcel's northeast corner (approximately 1.5 acres) extends into the floodplain of Silver Creek. At the time of original sampling conducted by the United States Environmental Protection Agency (USEPA), tax information for parcel 55-57-1 indicated that the owner was Property Reserve, Inc. of Salt Lake City UT. Attempts were made to contact and obtain a written access agreement from the property owner to allow the USEPA contractor to conduct sampling on the property. At the time of sampling, no written access agreement was obtained from the owner of parcel 55-57-1; therefore no sampling was conducted on the property.

However, using aerial photography, some observations about the site can be made. The aerial photography indicates that at least two natural drainages are on the property draining from a higher elevation in vicinity of the frontage road and US-40 eastward toward Silver Creek. The aerial also indicates that a significant portion of the native vegetation has been disturbed in the past. This parcel may have been used for temporary parking during the Winter Olympics. It appears that an access road parallels the upland/floodplain boundary and an irrigation ditch is present. It appears that the irrigation ditch is breached allowing water to return back to the floodplain at the property boundary. During field sampling, it was verified that the irrigation ditch does carry water in a northward direction from Silver Creek and that the ditch is indeed breached at the property boundary allowing much of the water to return to the floodplain. However some flow does continue northward to the next parcel.

It is difficult to determine a precise estimate of contaminated tailings present on this parcel without specific samples. However, some general assumptions can be made to provide a gross estimate. Nearby samples collected from the floodplain indicate that tailings are approximately 2 feet thick. However, tailings may not be this thick for this parcel; therefore a more reasonable assumption may be between 6 inches to 1 foot thick over the 1.5 acres within the floodplain. Using these values, an estimated volume range of tailings present on this parcel is between 32,671 cubic feet to 65,340 cubic feet (1,210 to 2,420 cubic yards) of contaminated tailings/soil.

EPA and UDEQ-VCP will work collaboratively to bring the Richardson Flats OU2 site through the VCP program.



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